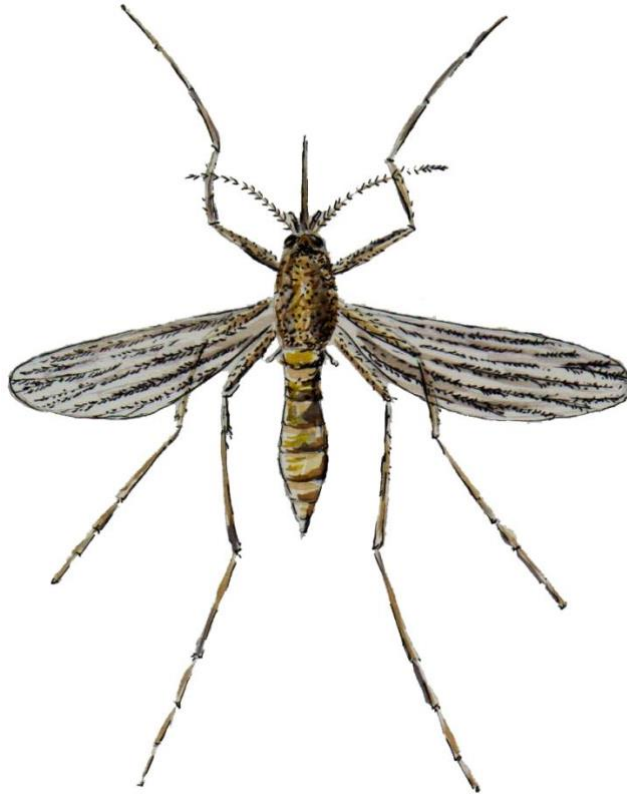


## Fighting Mosquitos with Nature



### **BIOLOGICAL CONTROL FOR MOSQUITOES INTRODUCTION:**

Mosquito larvae are filter insects; they feed off mono cellular organisms and from dissolved substances in water (sugar, mineral salts etc.). These larvae do not only live in stagnant water but also in leaf recesses of plants (particularly the tiger mosquito) and anywhere else where they are able to rehydrate with any water containing vegetal exudates.

### **BIOLOGICAL CONTROL:**

The larvae, particularly after hatching activates a filter mode with a restricted opening that does not allow the passage of nutrients larger than mono cellular organisms.

The micro-organisms found in Ergofito MozzyOlogy, thanks to its formula that includes the appropriate enzymes, multiply rapidly feeding off the same substances which the larvae need to feed. In a brief time, food for the larvae is drastically reduced by the micro-nutrients that are transformed in excessive dimensions was to be utilized as food by the said larvae. (Larvae starve to death).



### **MOZZYOLOGY ACTION:**

Twenty years of research and development resulted in the formulation Ergofito MozzyOlogy containing mineral salts, microelements, humic acids, amino acids, enzymes and micro-organisms which are to feed any plant whilst constraining the natural development of the mosquito larvae by starving it due to the enzymatic bacterial action on the larvae's food.

However the transformed food (into larger dimensions by the Ergofito MozzyOlogy) is beneficial to Phytoplankton, Zooplankton, Bivalves, fresh water Crustaceans, Fish etc.

In tests carried out in Nicaragua, an elimination of 75% of larvae was recorded after seven days. The said larvae were Aedes Aegypti, main carriers of the Dengue Virus. After ten days 90 % of all larvae were eliminated.



### **APPLICATION:**

- Apply 10 Kg of MozzyOlogy (diluted 1:200) per hectare every 10 days. Total of three applications.
- Apply 10 Kg of MozzyOlogy (diluted 1:200) per hectare once a month after the initial three applications to eliminate the larvae and the therefore the sickness risk produced by the mosquito in future.

The female adult mosquitos have a highly sensitive olfactory organ, which is able to detect negative conditions when it wants to deposit its eggs. It therefore goes in the search for an alternative place to do so. In the normal life of a mosquito it lives in a 50 meters radius of its birthplace. In consequence we can determine a band of security that limits the intrusion of adult female mosquito looking for blood.

### **CONCLUSION:**

MozzyOlogy is able to naturally fertilize the plants and soil as well as perform its primary function of mosquito control.

#### **Enzymes Content:**

Amylase, Protease, Chitinase, Lipase, Cellulase.

#### **Micro Organisms Content:**

Saccaromicetacee, Lactobacilli, Autotrophic, Photoautotrophic, Chemiautotrophic, Heterotrophic, Anaerobic , Aerobic and Facultative bacteria.